Name of the work : Improvements to Roads and Drains at Lakkappa Layout, Sringapura Paradise, Hosabalu Nagara, MS Palya Vinayaka Nagara and Raghuram Layout in Ward No.11

Contractor/Agency : M/s Sri.E.Ramesh Anand

Name of the Client : Executive Engineer,
Project Division Yelahanka Zone
BBMP, Bangalore-92

Estimated Cost : Rs 100.00 Lakhs

Status of Bill : 1st and Final bill

In the Presence of : (a) Mr. Sundresh K G
Assistant Engineer, BBMP, Bangalore.
: (b) Mr. Nandish K N
Assistant Executive Engineer, BBMP, Bangalore
: (c) Mr.Tejashwa gowda, Site Engineer
M/s Tejus Consultants

SL NO	Description of Item	Comments/observation
1	Removing & Refixing stone slabs of drains and pointing in C.M (1:3)	Work done up to the billed quantity and quality is satisfactory
2	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.	Work done up to the billed quantity and quality is satisfactory
3	Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications.	Work done up to the billed quantity and quality is satisfactory
4	Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. solid concrete blocks of size 400x200x200mm	Work done up to the billed quantity and quality is satisfactory

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5	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete.(7.5cms thick)	Work done up to the billed quantity and quality is satisfactory
6	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of all materials, labour, hire charges of machinery,loading,unloading,lead and lift, transportation etc. ,complete.	Work done up to the billed quantity and quality is satisfactory
7	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete, 10 cms thick.	Work done up to the billed quantity and quality is satisfactory
8	Providing two line dressing to granite stone slab / granite stone masonry as per specifications.	Work done up to the billed quantity and quality is satisfactory
9	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation tee.,complete. As per the direction of Engineer incharge.	Work done up to the billed quantity and quality is satisfactory
10	Providing and applying enamel metal paint one coat (excluding priming coat) on previously painted steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications.	Work done up to the billed quantity and quality is satisfactory
11	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials separately complete as per specifications.	Work done up to the billed quantity and quality is satisfactory
12	Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications.	Work done up to the billed quantity and quality is satisfactory
13	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications.	Work done up to the billed quantity and quality is satisfactory
14	Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. Thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications.	Work done up to the billed quantity and quality is satisfactory

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15	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46um, Coarse and fine aggregate conforming to IS:383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008, mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints,including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine, and curing including cost of all materials, labour, hire charges of machineries,all lead & lift charges etc., complete as per specifications. -do- with OPC at 360 kg/cum and coarse aggregate 0.69cum, fine aggregate 0.46cum.	Work done up to the billed quantity and quality is satisfactory

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